

IN THE SPECIFICATION:

Page 1, line 2, please insert:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation of pending prior application Serial No. 08/879,116, filed June 19, 1997, which is in turn a ^{Division}~~Continuation~~ of application Serial No. 08/493,732, filed June 22, 1995, now U.S. Patent No. 5,903,569.--

IN THE CLAIMS:

Please cancel claims 1-21.

Please add the following claims:

-122. A serial digital data transmitting apparatus comprising:

digital packet generating means for generating a first digital packet conforming to the format for a second digital packet standard, said first digital packet comprising:

a payload portion into which digital data is inserted;

a first start synchronization code storage portion positioned at a preceding portion of said payload portion into which a start synchronization code is inserted, said start synchronization code indicating a start of said digital data inserted into said payload portion;

a first end synchronization code storage portion into which an end synchronization code is inserted, said end synchronization code indicating an end of said digital data inserted into said payload portion; and

an ancillary data storage portion positioned between said first end synchronization code storage portion and said first start synchronization code storage portion, and into which an ancillary data is inserted;

wherein said second digital packet comprises:

an active video portion corresponding to said payload portion into which video data is inserted;

a second start synchronization code storage portion corresponding to said first start synchronization code storage portion positioned at a preceding portion of said active video portion into which said start synchronization code is inserted, said start synchronization code indicating a start of said video data inserted into said active video portion;

a second end synchronization code storage portion corresponding to said first end synchronization code storage portion into which said end synchronization code is inserted, said end synchronization code indicating an end of said video data inserted into said active video portion; and

an auxiliary data storage portion corresponding to said ancillary data storage portion positioned between said second end synchronization code storage portion and said second start synchronization code storage portion, and into which auxiliary data is inserted;

said payload portion including one or more channels, each channel comprising a data portion into which said digital data is inserted and a type portion into which type data is

inserted, said type data being indicative of a type of said
inserted digital data in said data portion; and

translating said first digital packet into
serial digital transmitting means for ~~transmitting~~
and transmitting
serial digital data, ~~translated by said digital packet into~~ said
serial digital data.

2
~~23~~. The serial digital data transmitting apparatus
according to claim ~~22~~, wherein said digital data inserted in said
data portion of said payload area is compressed video data.

3
~~24~~. The serial digital data transmitting apparatus
according to claim ~~22~~, said second digital packet is defined by
SMPTE-259M.

4
~~25~~. A serial digital data transmitting method
comprising the steps of:

generating a first digital packet conforming to the
format for a second, digital packet standard, said first digital
packet comprising:

a payload portion into which digital data is inserted;

a first start synchronization code storage portion
positioned at a preceding portion of said payload portion into
which a start synchronization code is inserted, said start
synchronization code indicating a start of said digital data
inserted into said payload portion;

a first end synchronization code storage portion into
which an end synchronization code is inserted, said end
synchronization code indicating an end of said digital data
inserted into said payload portion; and

an ancillary data storage portion positioned between said first end synchronization code storage portion and said first start synchronization code storage portion, and into which an ancillary data is inserted;

wherein said second digital packet comprises:

an active video portion corresponding to said payload portion into which video data is inserted;

a second start synchronization code storage portion corresponding to said first start synchronization code storage portion positioned at a preceding portion of said active video portion into which said start synchronization code is inserted, said start synchronization code indicating a start of said video data inserted into said active video portion;

a second end synchronization code storage portion corresponding to said first end synchronization code storage portion into which said end synchronization code is inserted, said end synchronization code indicating an end of said video data inserted into said active video portion; and

an auxiliary data storage portion corresponding to said ancillary data storage portion positioned between said second end synchronization code storage portion and said second start synchronization code storage portion, and into which auxiliary data is inserted;

said payload portion including one or more channels, each channel comprising a data portion into which said digital data is inserted and a type portion into which type data is

inserted, said type data being indicative of a type of said
inserted digital data in said data portion;

B translating said ^{first} digital packet into serial digital
data; and

transmitting said serial digital data.

2
5 ~~26~~. The serial digital data transmitting method
according to claim ⁴ ~~25~~, wherein said digital data inserted in said
data portion of said payload area is compressed video data.

4
6 ~~27~~. The serial digital data transmitting method
according to claim ⁴ ~~25~~, said second digital packet is defined by
SMPTE-259M.

28. A serial digital data signal, comprising:
a first digital packet conforming to the format for a
second digital packet standard, said first digital packet
comprising:

a payload portion into which digital data is inserted;
a first start synchronization code storage portion
positioned at a preceding portion of said payload portion into
which a start synchronization code is inserted, said start
synchronization code indicating a start of said digital data
inserted into said payload portion;

a first end synchronization code storage portion into
which an end synchronization code is inserted, said end
synchronization code indicating an end of said digital data
inserted into said payload portion; and

an ancillary data storage portion positioned between said first end synchronization code storage portion and said first start synchronization code storage portion, and into which an ancillary data is inserted;

wherein said second digital packet comprises:

an active video portion corresponding to said payload portion into which video data is inserted;

a second start synchronization code storage portion corresponding to said first start synchronization code storage portion positioned at a preceding portion of said active video portion into which said start synchronization code is inserted, said start synchronization code indicating a start of said video data inserted into said active video portion;

a second end synchronization code storage portion corresponding to said first end synchronization code storage portion into which said end synchronization code is inserted, said end synchronization code indicating an end of said video data inserted into said active video portion; and

an auxiliary data storage portion corresponding to said ancillary data storage portion positioned between said second end synchronization code storage portion and said second start synchronization code storage portion, and into which auxiliary data is inserted;

said payload portion including one or more channels, each channel comprising a data portion into which said digital